

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Mark Julian Roberts et al.

Reissue Application No.: 0 / Group No.:

Filed: Examiner:

For: Hybrid Cycle for the Production of Liquefied Natural Gas
(US Patent No. 6,308,531 B1)

Commissioner for Patents

P.O. Box 1450, Alexandria, VA 22313-1450

STATUS OF CLAIMS AND SUPPORT FOR CLAIM CHANGES
(37 C.F.R. § 1.173(c))

NOTE: In accordance with 37 C.F.R. § 1.173(c): "Whenever there is an amendment to the claims pursuant to paragraph (b) of this section, there must also be supplied, on pages separate from the pages containing the changes, the status (i.e., pending or canceled), as of the date of the amendment, of all patent claims and of all added claims, and an explanation of the support in the disclosure of the patent for the changes made to the claims."

1. The status of the claims as a result of the amendment submitted herewith is:

Claims cancelled: 1-12, 16-18, 22, 23, 25

Claims amended: 13-15, 19-21, 24, 26

Claims added: 27-38

CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10*

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* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

2. The support in the disclosure of the patent for the changes made to the claims and for the claims added is as follows:

Amended claims:

Claim 13 is a combination of subject matter in original Claims 1, 11, and 13
Claim 19 is a combination of subject matter in original Claims 1, 16, and 19
Claim 24 is a combination of subject matter in original Claims 1, 23, and 24
Claim 26 is a combination of subject matter in original Claims 1, 16, and 26

New claims:

Claim 27: See column 8, line 45 to column 9, line 27 and in Fig. 1, particularly heat exchanger 150. Additional support is found in Fig. 2 (250), Fig. 3 (150), Fig. 4 (150), Fig. 5 (150), Fig. 7, Fig. 8 (150), and Fig. 9 (150). It is seen that at least a portion of the pressurized gaseous refrigerant (162, 510) is cooled in a heat exchanger (150, 250) that does not cool the feed gas.

Claim 28: See column 8, line 45 to column 9, line 27 and in Fig. 1, particularly heat exchanger 150. Additional support is found in Fig. 3 (150), Fig. 4 (150), Fig. 5 (150), Fig. 8 (150), and Fig. 9 (150). It is seen that all of the pressurized gaseous refrigerant (162, 510) is cooled in a heat exchanger (150, 250) that does not cool the feed gas.

Claim 29: See Fig. 2 (262, 206, 222, 202) and at column 9, lines 41-45.

Claim 30: See column 6, lines 30-34 and at column 8, lines 45-47.

Claim 31: See at column 6, lines 30-34; column 8, line 45 to column 9, line 27; column 9, line 64 to column 10, line 9; Fig. 1; and Fig. 4.

Claim 32: See column 9, lines 6-27 and in Fig. 1.

Claim 33: See column 7, lines 51-55.

Claim 34: See column 8, line 45 to column 9, line 27 and in Fig. 1, particularly heat exchanger 150. Additional support found in Fig. 2 (250), Fig. 3 (150), Fig. 4 (150), Fig. 5 (150), Fig. 7, Fig. 8 (150), and Fig. 9 (150). It is seen that at least a portion of the pressurized gaseous refrigerant (162, 510) is cooled in a heat exchanger (150, 250) that does not cool the feed gas.

Claim 35: See column 8, line 45 to column 9, line 27 and in Fig. 1, particularly heat exchanger 150. Additional support found in Fig. 3 (150), Fig. 4 (150), Fig. 5 (150), Fig. 8 (150), and Fig. 9 (150). It is seen that all of the pressurized gaseous refrigerant (162, 510) is cooled in a heat exchanger (150, 250) that does not cool the feed gas.

Claim 36: See column 8, line 45 to column 9, line 5, and Fig. 1.

Claim 37: See column 9, lines 6-27 and in Fig. 1 (130, 150).

Claim 38: See column 7, lines 51-55.

☐ Plus _____ additional pages

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SIGNATURE OF PRACTITIONER

John M. Fernbacher

(type or print name of practitioner)

7201 Hamilton Boulevard

P.O. Address

Allentown, PA 18195-1501